

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: 22 February 1985

SUBJECT: PCB Compliance Monitoring Report(s) (ADDENDUM)

FROM: Dave Peters *Dave Peters*  
Chief, Hazardous Waste Section (6ES-SH)

TO: Norman Dyer  
Chief, Pesticides & Toxics Branch (6AW-P)

The following listed PCB Inspection Report(s) is/are submitted for your information and necessary action:

FACILITY

LOCATION

Transwestern Pipeline

New Mexico

PCB Lab Results from NEIC, dtd 15 Feb 85.

Request you furnish a copy to their Roswell Office.

90068750



ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF ENFORCEMENT  
NATIONAL ENFORCEMENT INVESTIGATIONS CENTER  
BUILDING 53, BOX 25227, DENVER FEDERAL CENTER  
DENVER, COLORADO 80225

TO : Norman Dyer, Chief  
Pesticides and Toxics Branch, Region VI

DATE: February 15, 1985

FROM : Dean F. Hill, Chief *DFH*  
Pesticides and Toxic Substances Branch

SUBJECT: Report of Polychlorinated Biphenyl (PCB) Analysis/Trans Western Pipeline

Attached is the report of analysis for the determination of PCBs in five samples taken by your office in conjunction with an official investigation at the subject site. In summary, PCBs were detected in all five samples as Aroclor 1242. Over 700 ug/g (ppm) were found in the Thoreau 500 Barrel Tank.

Please advise if you have any questions regarding these analyses and when we may dispose of the remainder of the samples.

Attachment

cc: Paul Seals, Esq.  
Regional Counsel, Region VI  
✓ Keith Bradley, ESD, Region VI  
Michael Wood, OCM, HQ

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DENVER, COLORADO 80225

TO : Dean F. Hill

DATE: February 14, 1985

FROM : K. E. Nottingham *KEN*

SUBJECT: Results of PCB Analysis of Samples from Trans Western Pipeline

On February 5, 1985 five samples were received under official custody seal from Region VI. These samples were from three locations on the Trans Western Pipeline. Analysis was requested for polychlorinated biphenyls (PCBs).

All five of the samples contained detectable levels of the PCB, Aroclor 1242. The results are given below.

<u>Sample Number</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Concentration of Aroclor 1242, ug/g</u>
01	Thoreau	500 Barrel Tank	740
02	Thoreau	Open Pit Storage	3
01	Laguna	Open Pit Storage	7
02	Laguna	Stained Soil from Behind Open Pit	70
01	Mountainair	500 Barrel Tank	61

The soil (Sample #2 from Laguna) was saturated with oil and was analyzed as an oil sample. The chromatographic pattern for Sample #1 from Thoreau was extremely weathered but it still retained the very distinctive Aroclor pattern.

The samples were diluted in hexane, cleaned with sulfuric acid and analyzed by electron-capture gas chromatography. Sample 01 from Mountainair had to be treated with mercury in order to remove sulfur before analysis. A solvent blank was analyzed with the samples and it did not contain any significant interferences. Sample 02 from Thoreau was spiked with 50 ug/g of Aroclor 1260 and the recovery was 88%. Four of the samples were analyzed as replicates with the following results.

<u>Sample Number</u>	<u>Location</u>	<u>Concentrations of Aroclor 1242, ug/g</u>			<u>Average</u>
		<u>Result #1</u>	<u>Result #2</u>	<u>Result #3</u>	
01	Thoreau	680	800		740
01	Laguna	7	7		7
02	Laguna	59	73	77	70
01	Mountainair	49	69	65	61